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1652

PATENT
Attorney Docket No.: 015280-371100US
Client Reference No.: E-230-1998/0-US-03

On January 14, 2005

TOWNSEND and TOWNSEND and CREW LLP

By: [Signature]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

RYBAK and NEWTON

Application No.: 09/807,556

Filed: July 30, 2001

For: SELECTIVE TOXICITY OF
AMINO-TERMINAL MODIFIED
RNASE A SUPERFAMILY
POLYPEPTIDES

Examiner: Kagnev H. Gebreyesus

Art Unit: 1652

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

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As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

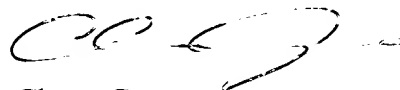
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I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

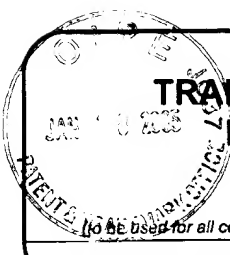
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Respectfully submitted,

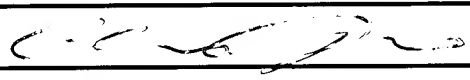



Chuan Gao
Reg. No. 54,111

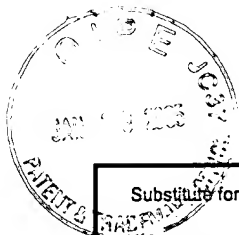
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 TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	09/807,556
	Filing Date	July 30, 2001
	First Named Inventor	Susanna, Rybak M.
	Art Unit	1652
	Examiner Name	Kagnew H. Gebreyesus
Total Number of Pages in This Submission	Attorney Docket Number	015280-371100US

ENCLOSURES (Check all that apply)		
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Firm Name	Townsend and Townsend and Crew LLP		
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Printed name	Chuan Gao		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	09/807,556	
			Filing Date	July 30, 2001	
			First Named Inventor	Susanna, Rybak M.	
			Art Unit	1652	
			Examiner Name	Kagnew H. Gebreyesus	
Sheet	1	of	2	Attorney Docket Number	015280-371100US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AA	BEINTEMA, J., et al., "Amino Acid Sequence of the Nonsecretory Ribonuclease of Human Urine," <u>Biochemistry</u> , 1988, pp. 4530-4538, Vol. 27, American Chemical Society.	
	AB	BEINTEMA, et al., "Molecular Evolution of the Ribonuclease Superfamily," <u>Prog. Biophys. Mol. Biol.</u> , 1988, p. 165-190, Vol. 51.	
	AC	BEINTEMA, J., et al., "The Ribonuclease A Superfamily: general discussion," <u>Cell Mol. Life Sci.</u> , 1998, pp. 825-832, Vol. 54.	
	AD	BOIX, E., et al., "Role of the N Terminus in RNase a Homologues: Differences in Catalytic Activity, Ribonuclease Inhibitor Interaction and Cytotoxicity," <u>J. Mol. Biol.</u> , 1996, pp. 992-1007, Vol. 257, Academic Press Limited.	
	AE	CARA, A., et al., "Inhibition of HIV-1 replication by combined expression of gag dominant negative mutant and a human ribonuclease in a tightly controlled HIV-1 inducible vector," <u>Gene Therapy</u> , 1998, pp. 65-75, Vol. 5, Stockton Press.	
	AF	FODSTAD, et al., "Phase I Study of the Plant Protein Ricin," <u>Cancer Res.</u> , 1984, p. 862, Vol. 44.	
	AG	GRIFFITHS, S., et al., "Ribonuclease inhibits Kaposi's sarcoma," <u>Nature</u> , December 11, 1997, p. 568, Vol. 390.	
	AH	GULLBERG, et al., "The Cytotoxic Eosinophil Cationic Protein (ECP) Has Ribonuclease Activity," <u>Biophys. Biochem. Res. Comm.</u> , 1986, pp. 1239-1242, Vol. 139, No. 3, Academic Press, Inc.	
	AI	LUNARDI-ISKANDAR, Y., et al., "Effects of a urinary factor from women in early pregnancy on HIV-1, SIV and associated disease," <u>Nature Medicine</u> , April 1998, pp. 428-434, Vol. 4, No. 4.	
	AJ	NEWTON, D.L., et al., "Expression and characterization of a cytotoxic human-frog chimeric ribonuclease: potential for cancer therapy," <u>Protein Eng.</u> , 1997, pp. 463-470, Vol. 10, Oxford University Press.	
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	AL	PREUSS, et al., "Cloning of cDNA encoding the complete precursor for bovine seminal ribonuclease," <u>Nuc. Acids. Res.</u> , 1990, p. 1057, Vol. 18, Oxford University Press.	
	AM	ROSENBERG, H., et al., "Molecular cloning of the human eosinophil-derived neurotoxin: A member of the ribonuclease gene family," <u>Proc. Natl. Acad. Sci. USA</u> , June 1989, p. 4460, Vol. 86	
	AN	ROSENBERG, et al., "Human Eosinophil Cationic Protein: Molecular Cloning of a Cytotoxin and Helminthotoxin with Ribonuclease Activity," <u>J. Exp. Med.</u> , July 1989, p. 163-176, Vol. 170, The Rockefeller University Press.	
	AO	ROSENBERG, et al., "Eosinophil Cationic Protein and Eosinophil-derived Neurotoxin: Evolution of Novel Function in a Primate Ribonuclease Gene Family," <u>J. Biol. Chem.</u> , 1995, pp. 21539-21544, Vol. 270, No. 37, USA.	

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet **1** of **2****Complete if Known**

Application Number	09/807,556
Filing Date	July 30, 2001
First Named Inventor	Susanna, Rybak M.
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	AP	RYBAK, S.M., et al., "RNase and RNase immunofusions for cancer therapy," <u>Tumor Targeting</u> , 1995, pp. 141-147, Vol. 1.	
	AQ	SAKAKIBARA, R., et al., "A Putative Mouse Oocyte Maturation Inhibitory Protein from Urine of Pregnant Women: N-Terminal Sequence Homology with Human Nonsecretory Ribonuclease," <u>Chem. Pharm. Bull.</u> , 1991, pp. 146-149, Vol. 39., No. 1, Pharmaceutical Society of Japan.	
	AR	SLIFMAN, et al., "Ribonuclease Activity Associated with Human Eosinophil-Derived Neurotoxin and Eosinophil-Derived Neurotoxin and Eosinophil Cationic Protein," <u>J. Immunol. Comm.</u> , 1986, pp. 2913-2917, Vol. 137, No.9, The American Association of Immunologists, USA.	
	AS	TITANI, et al., "Amino Acid Sequence of Sialic Acid Binding Lectin from Frog (<i>Rana catesbeiana</i>) Eggs," <u>Biochemistry</u> , 1987, p. 2189, Vol. 26, the American Chemical Society.	
	AT	YOULE, R., et al., "Cytotoxic Ribonucleases and Chimeras in Cancer Therapy," <u>Critical Reviews in Therapeutic Drug Carrier Systems</u> , 1993, pp. 1-28, Vol. 10, No. 1, CRC Press, Inc.	
	AU	ZEWE, et al., "Cloning and cytotoxicity of a human pancreatic RNase immunofusion," <u>Immuno Technology</u> , pp. 127-136, Vol. 3, Elsevier Science B.V.	

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Considered

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